

Product 02237500

2-comp. PU pore sealer for elastic mats, red

1 General Data

Application Fields

PORPLASTIC L375 is used for elastic sports surfaces as pore sealer for elastic rubber granule or foam mats. Typical uses are INDOOR sports hall or gymnasium floorings and OUTDOOR multitop systems.

Product Description

PORPLASTIC L375 is a pigmented, solvent free, thixotropic, two component PU pore sealer with elastic properties.

PORPLASTIC L375 is easy to apply, it shows excellent resistance to moisture during the curing phase and a good curing behavior even at low temperatures.

Tested Sports Surfacing Systems

Pore Sealer for all point-elastic (PEL)
 PORPLASTIC **INDOOR/OUTDOOR** systems
 with or without fabric (RF reinforced).
 PORPLASTIC **multitop** systems
 PORPLASTIC **TENNIS** systems

Technical Support

For detailed descriptions of VIACOR systems see VIACOR system data sheets or contact our technical support.

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(A) Technical Data Sheet

Mixture (A+B)

| | |
|---|--|
| 1. Density (23°C) (DIN 53217) | 1.3 g/cm ³ |
| 2. Viscosity | thixotropic |
| 3. Shore A hardness (23°C / 50% rel. humidity) after 24 h after 28 days | 58 75 |
| 4. Packing size (2-component container) | 30 kg (A: 24 kg +B: 6 kg) |
| 5. Mixing ratio A : B parts by weight | 100 : 25 |
| 6. Colour | red, others on request |
| 7. Shelf life / Storage | 12 months at 10–25°C, avoid direct sunlight |
| 8. Permissible relative humidity | min. 30% - max. 90% |
| 9. Substrate and application temperature | 10 – 35 °C (min. 3 °C above dew point) |
| 10. Pot life at (12°C) at (23°C) at (30°C) | ca. 45 min. ca. 30 min. ca. 15 min. |
| 11. Can be walked on (23°C) | ca. 10 - 12 hours |
| 12. Material consumption with fabric | 0.6 – 1.0 kg/m ² 1.0 – 1.4 kg/m ² |
| 13. Tensile strength (DIN 53504) | 3.3 N/mm ² |
| 14. Elongation at break (DIN 53504) | ca. 78 % |
| 15. Tear strength (DIN 53515) | ca. 5 N/mm ² |

Manufacturer:

VIACOR Polymer GmbH, Graf-Bentzel-Str. 78, D-72108 Rottenburg, Tel. +49/7472-94999-0, info@viacor.de, www.viacor.de

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2-comp. PU pore sealer for elastic mats, red**2 Processing Instructions****Substrate Preparation**

PORPLASTIC L375 is applied directly on top of pre-fabricated or in situ rubber granule or foam mat which have to be dry, load bearing, clean and free of loose and brittle particles and substances which impair adhesion such as oil, grease, paint or other contaminants.

The application of PORPLASTIC L375 should be executed within 24 hours after the installation of the elastic mat (in case of in-situ rubber mats). The interval between the application of the pore sealer and further coatings should not exceed 48 hours. In case of longer breaks, the use of a bonding agent is recommended after cleaning thoroughly.

We advice to contact our technical support before re-coating old PUR mats.

Processing

PORPLASTIC L375 is ready-to-apply and supplied in the correct proportions of component A (resin) and component B (hardener). For application pour component B completely into the container of component A (mixing ratio 100 : 25 parts by weight). Use a slow rotating mixer rotating at approximately 300 - 500 rev/min for at least 3 – 4 minutes until the blend is homogeneous and streak free. Ensure that the mixer reaches the sides and bottom areas of the mixing vessel. Pour the mix into another clean container and mix it again for one additional minute. Processing temperature of both components should be between 15 – 25°C.

The well mixed material is applied on the pre-treated surface of the rubber mat with a flat rubber or metal squeegee under pressure to tightly scrape off the material. In case of reinforced (RF) systems the fabric is laid into the pore filler.

Material consumption lies between 0.6 kg – 1.0 kg/m² and depends on the surface structure of the granule mat (grain size, compaction, evenness) and on the temperature of substrate, ambience and material. If using a fabric the material consumption increases to 1.0-1.4 kg/m².

Substrate temperatures must not exceed 40°C as this would liquefy the material and increase the coverage.

At low temperatures and humidity, the speed of reaction is reduced resulting in a longer pot life, re-coating interval and open time. The speed of reaction is accelerated at high temperatures and humidity and the converse is true. Direct sunshine shortens the time frames considerably.

During the first hours after application, the coating has to be protected from direct contact with water as this could cause foaming of the material. In case of (expected) rain, PORPLASTIC L375 should not be applied.

Further coatings should be applied within 48 hours, otherwise a bonding agent is necessary.

Cleaning

Tools should be cleaned using VIASOL SO-X12. Never use water or alcoholic solvents as cleaners!

Safety Instructions

For health and safety protection, transport regulations and waste management please consider the Material Safety Data Sheet. Users are advised to wear gloves and eye protection when mixing or applying PORPLASTIC L375.

PORPLASTIC L375 is non-hazardous in its cured condition. The product meets the requirements of the EC directive 2004/42/EC for VOC content.

CE-Mark

CE-Mark according to EN 14904

Details see CE-conformity mark and declaration of performance.

**Disclaimer**

All information in this technical data sheet is based on our current knowledge and experience. This does not release the applicator from performing their own tests as many application factors, beyond our control, affect the application of our product. No guarantee of characteristics or suitability for a special purpose can be derived from this information. All present data, descriptions, drawings, photos, ratios, weights etc. are subject to change without prior notice and do not represent contracted characteristics of the product.

Due to different materials, sub-bases and working conditions, no guarantee of an application result or any liability claims can be derived from these details or from an unwritten technical advice except for liability claims based on:

- damage to life, body or health resulting from a negligent violation of obligations or a deliberate or negligent violation of obligation of a legal representative or assistant and
- if we are charged with intention or gross negligence.

The user has to test the products for their intended use. The user is responsible for following existing laws and orders and for observing third party trade mark rights.

As all VIACOR data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see www.viacor.de or contact us directly).

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